

REMARKS

The above amendment corrects the filing date of the PCT parent application.

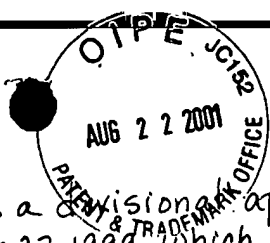
A marked up copy of this amendment is enclosed along with a request for a corrected filing receipt.

Respectfully submitted,

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Version with Markings to
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This is a divisional application of Serial No. 09/355,891, filed October 22, 1999, which is a 371 of PCT/JP98/00363, filed February 7, 1999. January 29, 1998.

METHOD FOR PURIFYING MATTER CONTAMINATED WITH
HALOGENATED ORGANIC COMPOUNDS

FIELD OF THE INVENTION

5 The present invention relates to a method for
purifying matter such as soil, sediment, sludge and water
contaminated with halogenated organic compounds,
particularly a chlorinated organic compound. The present
invention particularly relates to a method for purifying
10 contaminated matter by reductive dehalogenation combining a
chemical reaction with a biological reaction, thereby
decomposing the halogenated organic compound.

RELATED ART

Recently, halogenated organic compounds such as
15 tetrachloroethylene, trichloroethylene, 1,1,1-
trichloroethane, and dichloroethylene are wide used as a
degreasing agent for electronic components and mechanical
metal components and a cleaning agent for dry cleaning.
Halogenated organic compounds are contaminants in soil and
20 ground water. These halogenated organic compounds do not
readily decompose in the natural world and are hardly
soluble in water, and therefore tend to accumulate in soil
and to penetrate into ground water. Moreover, halogenated
organic compounds are known to induce hepatic disorders and
25 cancer. Therefore, it is desirable to decompose halogenated
organic compounds such as chlorinated organic compounds in
soil and so on.

In these days, bioremediation has been receiving

